



# Prosilica GT

## Prosilica GT 5120

Prosilica GT5120 is a 26.2 megapixel camera with a GigE Vision compliant Gigabit Ethernet interface and Hirose port. Prosilica GT5120 is a monochrome model. This camera incorporates the high quality ON Semi PYTHON 25K (NOIP1SN025KA) CMOS sensor.

### General

Model:	Prosilica GT 5120
Product series:	Prosilica GT
Status:	Available

### Sensor

Sensor type:	Area scan
Chroma:	Mono
Spectrum:	Visible
Resolution:	5,120 × 5,120 (26.20 MP)
Sensor model:	ON Semi PYTHON 25K
Sensor architecture (material):	CMOS
Shutter type(s):	Global Shutter
Sensor size:	32.36 mm $\varnothing$ (Type APS-H)
Pixel size:	4.50 $\mu\text{m}$ × 4.50 $\mu\text{m}$

### Pixel formats

Sensor bit depth:	10-bit
Monochrome pixel formats:	Mono8, Mono10

### Imaging performance

Quantum efficiency @ 529 nm:	53 %
------------------------------	------

### Timing and gain

Max. frame rate:	4
------------------	---

## I/Os and power

Non-isolated lines:	1 input, 2 outputs
Specific non-isolated lines:	1
Opto-isolated lines:	1 input, 2 outputs
Power supply:	7 to 25 VDC AUX or IEEE 802.3at Type 1 PoE
Power consumption:	External power: 5.02 W at 12 VDC   Power over Ethernet: 6.3 W

## Operating conditions

Operating temperature (housing):	-20 °C to 50 °C ambient (without condensation)
----------------------------------	--

## Mechanical properties

Body dimensions (L x W x H in mm):	96 × 66 × 53
Weight:	372 g

## On-board memory and FPGA

Image buffer (RAM):	128 MByte
Non-volatile memory (Flash):	1024 KByte

## Interfaces

Digital interface:	IEEE 802.3 1000BASE-T, IEEE 802.3af (PoE)
--------------------	---

# Quantum Efficiency



